



**LAKES MANAGEMENT ADVISORY COMMITTEE**  
NH Lakes Management and Protection Program

New Hampshire Department of Environmental Services  
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**MEETING MINUTES**  
**July 25, 2008**  
**Shaker Museum, Enfield, NH**  
**9:00 a.m. – 11:15 a.m.**

**Members present:**

Phil O'Brien, Ph.D., Chair  
Wendell Berry  
Jim Haney, Ph.D.  
Mark Hemmerlein  
Fred Murphy  
Mitchell E. Kalter  
Bo Quackenbos  
Larry Sunderland, Vice Chair  
Michele L. Tremblay

**Representing:**

NH Lakes Association  
NH Business and Industry Assn  
Scientific Community, UNH  
Commissioner Rep, DOT  
Planning Board  
NH Fish & Game Commission  
NH Association of Realtors  
Conservation Community  
State Conservation Committee

**Term:**

August 1, 2009  
July 8, 2010  
August 22, 2010  
Indefinite  
August 1, 2008  
August 22, 2009  
June 27, 2011  
September 19, 2010  
August 1, 2009

**Members not present:**

Mark Gallagher  
Diane Hanley  
Stephen Perry  
Shari Colby  
Dari Sassan  
Ken P. Wilson  
Vacant  
Vacant  
Vacant

Commissioner Rep, DOS  
Conservation Commissions  
Ex. Dir. Rep, F & G  
Commissioner Rep, DRED  
Director Rep, Office of Energy & Planning  
NH Marine Dealers Association  
Tourism Industry  
Elected Municipal Official  
Commissioner, Dept. of Agr., Markets & Food

Indefinite  
August 22, 2010  
Indefinite  
Indefinite  
Indefinite  
August 22, 2008  
Expired  
Expired  
Indefinite

**Staff Present**

Jacquie Colburn  
Laura Weit  
Jenn Rowden  
Brenda Johnson  
Carolyn Guerdet

Lakes Coordinator, Watershed Management Bureau (WMB)  
Asst. Planner, WMB  
P.T. Asst. Planner, WMB  
Intern, WMB  
Admin. Asst., Water Division

**Guests:**

Don Kent  
Steve Schneider  
Derek Durbin  
Tracy Caller  
Amanda Murphy  
Josh Carroll  
Zachary Schmidt  
Lori Siegel  
Doug Smith  
Teresa Lynch  
Members

NH Natural Heritage Bureau, DRED  
Town of Enfield  
NH Lakes Association  
Dartmouth-Hitchcock Medical Center  
UNH  
UNH  
DOT  
DES  
Mascoma Lake Association  
Mascoma Lake Association  
Mascoma Lake Association

(several members of the association provided watercraft and participated in the lake tour)

**I. Opening**

Chairman O'Brien called the meeting to order at 9:05 am. Committee members and guests introduced themselves.

## II. Updates:

### 1) **Shoreland Protection Act** – Jacquie Colburn

Jacquie explained that since the act to effect July 1<sup>st</sup> the department has received approximately 50 applications and is moving ahead with the processing of the applications within the 30 day timeframe. The Shoreland Protection staff has done a significant amount of outreach and education; they have been meeting with communities, lakes associations and other groups. The all day CSPA workshop planned in Meredith for August 11<sup>th</sup> is full. The next major outreach effort is a workshop which will be held in the Lebanon area to focus on river issues.

### 2) **HB710 Commission** – Jacquie Colburn

Mitch Kalter was unable to make the last meeting of the Commission so Jacquie gave an update regarding the Commission's June meeting. The 3 subcommittees of the Commission have also been meeting on a regular basis. Jacquie said that she shared with the 710 Commission the suggestion that Chairman O'Brien made at the last LMAC meeting that a draft report be prepared by the Commission soon and distributed to concerned groups allowing them the opportunity for review and comment. It is anticipated that the Commission will develop a brief (3 to 5 page) report which must be submitted to the Legislature by November 1, 2008.

### 3) **Sustainability Initiative (S.I.)** – Jenn Rowden

As a result of the June meeting with the Commissioner, the recommendations specific to the exotics program and the lakes and rivers programs are now the focus. Jenn explained that staff is working on strategies for the recommendations, what implementation outcomes would be, when possible incorporating costs of implementation, and the indicators for measuring implementation success. The goal is to have the report done by the end of next week and then distribute it to the LMAC. A meeting is being arranged with the Commissioner for the end of August to provide him with an update regarding the S.I. status.

Michele Tremblay asked about having a discussion about the funding mechanisms for the recommendations. The RMAC is also working on funding mechanisms and for the two committees to come to concurrence this needs to be discussed relatively quickly. Chairman O'Brien noted that the Commissioner had requested that funding for the recommendations be taken off the table at this time. Jacquie suggested that Michele, Ken Kimball, Chairman O'Brien and Jacquie along with other Lakes and Rivers staff set up a conference call to discuss this further.

## Minutes

- ***Michele Tremblay made a motion to approve the May 16, 2008 minutes, second by Mitch Kalter. Motion was passed unanimously.***
- ***Michele Tremblay made a motion to approve the June 27, 2008 minutes with correction, second by Mitch Kalter. Motion was passed unanimously.***

### 4) **Ossipee Lake Natural Area (OLNA)** – Don Kent

Don distributed a hand out with Stakeholder Identified Issues and Solutions and Stakeholder Misperceptions. DRED hosted a public meeting (open house) on June 27<sup>th</sup> in Ossipee which went very well. Don explained that there will be no DRED (Forest) Rangers at the OLNA before the 4<sup>th</sup> of July due to understaffing. The Marine Patrol handles the water issues and the DRED Rangers will handle the Natural Area issues. DRED is presently developing the Ossipee Lake Natural Area Working Group and hopes to have the Group meet before Labor Day. The plan is to contain the 2007 level of enforcement through this summer and to develop and implement a new plan for next summer.

Don noted one of the most important parts of this whole project is the interaction that is happening between the Rangers and the people on the beach; they are setting the tone and the explanations and feed back are encouraging. Jim Haney suggested to Don that when pamphlets regarding the OLNA are designed that information be included on the lake itself, water quality, the mussels, etc. and Jim volunteered to look over the draft. Fred Murphy encouraged using the corrections of the misconceptions listed on the pamphlet.

Chairman O'Brien pointed out that this is a good test case for sustainability. It spotlights how to sustain an environment, a lake shore in this case, where adverse uses have predominated over a long period of time.

### **III. Guidelines for Coordinated Lake Management and Shoreland Protection Plans –**

Laura Weit/Jacquie Colburn

Laura said that the Guidelines document is up on the website. A quorum was not present at the June meeting and the LMAC needs to accept the document before moving forward with the public hearings.

- ***Fred Murphy moved to accept the “NH Guidelines to Coordinated Lake Management and Shoreland Protection Plans”, second by Mitch Kalter. Motion passed unanimously.***

Laura reviewed a list of possible incentives to encourage groups to conduct an inventory and/or develop a lake management plan. Michele mentioned that 604(b) money is also available, the NH Charitable Foundation has some resources available, and that the State Conservation Committee's Moose Plate Program will fund an implementation component of a plan. Bud Berry suggested that an incentive be found for towns and cities to become involved.

### **IV. ALS and Cyanobacteria – Jim Haney, UNH**

A Mascoma Lake Summary Sheet which contained information and highlights of the lake and its watershed was distributed to the group. Jim gave a presentation on an investigation driven by intense interest in the answer to the links between Cyanobacteria and some neurological diseases. This is a collaboration going on between the ALS (Amyotrophic lateral sclerosis) Clinic at Dartmouth-Hitchcock, UNH, and DES.

### **V. Water Recreation Opportunity Spectrum (WROS) – Josh Carroll, UNH**

Josh made a presentation to the group to introduce the WROS. The WROS was developed in the Intermountain West and has been used throughout the western U.S. The applicability of the WROS as a tool for lake management in New Hampshire is presently being explored by Josh and the NH Lakes Association at this time. The WROS is a tool to manage recreational use on a waterbody and the management of the lands around a waterbody. It consists of an eleven point inventory scale assessing existing physical, social and managerial characteristics. The spectrum is divided into 6 classes, or different attributes of aesthetics: 1) Urban; 2) Suburban; 3) Rural Development; 4) Rural Natural; 5) Semi Primitive; and 6) Primitive. Josh shared an example where the WROS was applied to a waterbody in California.

The benefits of using the WROS are:

- 1) Visual map/understanding of recreation opportunities
- 2) Assessment of proposed changes
- 3) Improves quality/diversity of recreational opportunities
- 4) Understandable to the public for defensible decision making.

Lori Siegel, who presented the Systems Dynamic model to the LMAC last year, was introduced to the committee and to Josh. Jacquie reminded the LMAC membership that carrying capacity was one of the eight issues that was included in the Sustainability Initiative. The subcommittee that was formed will resume meeting to study this issue and whether the WROS and System Dynamics model can be used together to develop a carrying capacity model for New Hampshire.

Jacquie reminded the LMAC that there will be no August meeting and the next meeting will be September 26<sup>th</sup>.

- ***Motion to adjourn the meeting was made and seconded. The meeting concluded at 11:10am and from there the LMAC and guests moved onto the Mascoma Lake visit/tour.***